

## 24-HYDROXYVITAMIN D, ANALOGS AND USES THEREOF

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now U.S. Patent No. 5,869,473, YSC  
9/16/05

### CROSS-REFERENCE TO RELATED APPLICATIONS

- This application is a continuation-in-part of U.S. Patent Application No. 08/907,659, August 8, 1997, which is a continuation-in-part of U.S. Patent Application No. 08/798,958, February 11, 1997, which is a continuation of U.S. Patent Application No. 08/415,488, April 3, 1995, now U.S. Patent No. 5,602,116, which is a continuation-in-part of U.S. Patent Application No. 08/119,895, September 10, 1993, now U.S. Patent 5,403,831, which is a continuation of U.S. Patent Application No. 07/812,056, March 5, 1992, abandoned, which is a continuation of U.S. Patent Application 07/569,412, now U.S. Patent 5,104,864, which is a continuation of U.S. Patent No. 07/227,371, August 2, 1988, abandoned.

now U.S. Patent No. 5,707,980, YSC  
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### STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

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Not Applicable

### BACKGROUND OF THE INVENTION

- This invention relates generally to 24-hydroxyvitamin D compounds and their use in the treatment and prophylaxis of hyperparathyroidism and hyperproliferative diseases, and in the modulation of the immune response as well as the treatment of bone depleting disorders.

Vitamin D has long been established as having an important biological role in bone and mineral metabolism. For example, vitamin D plays a critical role in stimulating calcium absorption and regulating